

FIG 3 (c) I WIRE USING IN PHASE I AND CHADRATURE Q

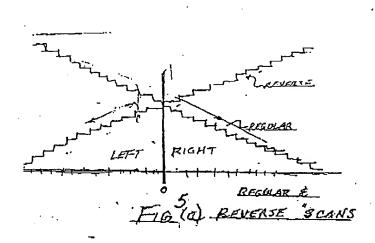
FIG 3 CONNECTION OPTIONS

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din IA[-	. 9 4	. FC	. 4	.75 :	.7 4	- 43	., 4	. 55.	.5 19	.45 %	.4 4	.35 4	.1 7	.25 H	.7 m	. ¥ 2].	1 v
208 0.041 -	1 .304	1.155 car a.	1.104	1.056	1.544	6.754	4,502	0.85g -0.20g	1,504 1,504	0.755	9.745 0.052	0.454	6.60£ 6.048	0.556	0.504	0.156	0.406 0.218
Aug.		A 541	A 521	n (41)	V (31	0.441	57391	0:241	0.231	6.241	0.191		v.351	0.041	Q.003	920.0	-0,103
214 -0.652	1.151	-1.111	-1.^51	-1.011	-6.941	-0.711	·	-0.811	-0.741	•0.711	-0.441	·2	~				
A+2 27A 0.040	0.735 200.1-	0.695 -0.955	-0.6V2	-5-62 \$-262	#.525 -9.505	0.125 225, 4-	0.435 -0.705	-0.655 0.365	4.315 -0.605	0.555 •0.555	505.0	0.185 -0.455	0.135 0.405			0.015 -0.255	
1.00 234 0.022	0.654 -1.121	0.664 -1.074	-1,634 9,554	• ' <u>6</u> ' 50' 4	0.454 •0.424	101.0 152.0-	0.754 -0.524	0.324 -9.774	4. <u>184</u> -9.724	0.204 -0.574	-9. 121 6.154	0.104 -0.574	0.054 -0.524			-0.035 -0.376	
244 -0.002	1.154	1 .114 -a .597	1,644 -0.527	1.014	0.755 -0.437	4.914 •0.977	4.844 •0.727	-0.397 0.814			0.644 4.137		0.545 -0.037		0 .4££ 0 .653	0.113 0.114	
Ava 258 -0.032	1.166 -0.732	-0'të5 1'9è0	1.000 -0.633	"0 ch3	6.9 <u>20</u>	0.653 -0.482	0,600 -0,400	0.75 <u>0</u> -0.352	9,740 200.0-	4.659 -9.292	0.400 0.232	0.550 -0.142	4.599 -4.132				
949 758 (-0.153)	0.467 -1.491	0 437 -1.431	0,947 -1,991	4.117 -1.271	8.2 9 7 -1.291	0.27° -1.271	n_167 -1.191	0.117 -1.131	0.9 9 7 -1.091	0,07? -1.031	0.013	-0.053 -0.731	-1,113 -2,561	-0.153 -0.531	-0.213 -0.791	-0.253 -0.731	-0.317 -0.481
Avg 27A (0.120	0.934 20.756	0.974	-6'e24 0'634	\$.774 \$04.0°	4.724	0.479 -0.509	-0'12¢	6.574 -0.404	0.524 -0.354	0.474	0.424	0.374 -0.205	0, 121 -0.156			0.171 -0.005	
Ava 290 (1.175)	¢.782 -0.810	0.792	0.4 5 2 -4.740	4.512 -6.690	. <u>0.572</u> -0.440	0.521 -0.530	û ' <u>21</u> ÿ Û ' 183	6.412 -0.490	0.152 -0,440	0.332	0.292 0.240	4,212 4,212	₫.1€2 ₫.2₫₫	9.132 -0.190	0.0 1 2 0.140	3.0€ 0.090	0.010
4	1 950	1	1 122	1 424	1.045	A	0.716	A 894	0.245	4.394	0.746	6.59£ -0.173	0.645	462.0	ð,516	0:496	0.446 0.117
		2 700	1 746	0 (33	A 545	A 533	2 546	0 600	A 446	0.122	A 312	1	0.24E	0.198	ú'l (ē	0.095	
314 CO 131			1	4	4 500	1 525	4 (9)	A 416	4 351	0 734	A 724	A 725	1 155	6.136	0.055	4.435	100
Avg 120 -0.415	 -	1-	1		1 0//	A cia	A 760	0 710	A 450	A 410	A 550	A 515	0.469	0.410	0.260	6.310	0.260
Avg 330 -0.050	0.733	0.343	0.993 -0.767	0.541	0.79	6.741	0.631	0.543 -0.53	6.57	0.\$43 -2.432	5.477 -9.267	0.447	0.393	0.343 -0.237	0.2 7 3 -0.197		0.193 -0.087
Avq -344 F0_203	-		1	1	1 22	A 25	1 4 22	A 135	0 12	n asa	1000	-0.07	n 470	-0.120	-0.170	-0.220	-0.270
321 -4 443 4/5				. 07	Ι.,	5 0 75		5 0 55	1 2 23	K K 529	4 57	4.495	0.425	0.39	0.135	0.28	0.235
349 (D.2)2			T		.1		٠, ٠,٠	وو م ان		وجحمل	A 47	1 0 671	4,871	0.52	4.47	0.42	1 0.311
Ave 370 e.015	1	6 0.97 1 -0.71	1 0.82	4 0.\$7 1 •0.\$1	0.62 5 -0.5	4.77 1 -0.51	1 9.72 1 -0.65	1 -0.41	£ 3.52	4 0.57 1 -9.31	1 -0.25	0,474 1 -0.211	0.424 0.15	0.37 0.11	1 -0.06 6 .32	(0.27 (0.01	1 .039
Avg 265 0.003	0.51	\$ 0.5 <u>£</u> 1-1.1?	5 4.51 1 -1.09	1 -1.03	0.4	6 0.34 11 -0.93	9 0.71 1 -0.89	13 [~".\$?	4 0 25 1 -0.25	£ 0.14 11-0.75	4 6.1 <u>1</u> 1 • • .65	1 -0.631 5 0.046	0.58 0.58	1 -0.53	1 -0.48	(0.13 1: 0.13	1 -0.164
			:				1										

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105 +	•			1 -				[.				· - · · ·					
0.156	0.200 0.248	0.255	0.23 1 0.448	9.154	0.164 0.546	0.654 0.596		\$.644 0.679	1.994 0.749	0.729	0.171 - 0.218	0.214 - 0.538	0.274 · 0.749	# 333 7 : 31 -	1.648	i .6-18	
-0.159 -0.311	-0.261 -0.262	-\$.359 -0.211	-9.161 -9.161	0.757 0.111	-0 .407 120, n-			4,550 4,600	4.443 4.132	0.458 2.159	9.239 9.309 -	6,7 <u>5</u> 9 6,2 5 9	0.339 	0.35°	6-139 6-139	0.469 6.469	
-0.115 -0.155	-0.145 -0.105	-\$1\$.\$- -\$26.\$-	9.215 (F.695)	9.315	787.0° 0.005	0.415 ♦.145	9.465	0,115 0,145	7,297 3,298	4.415 4.715	5.615 6.335	0.715 0.415	9.7 <u>55</u> 9.435	9.545	0.765 0.535	7.715 9.645	
-0.195 -0.274	-8.246 -6.224	-0. 29 4 -0.174	-0.346 -0.124	0.074	-0.465 -0.021	-0.436 1.006	-3.516 6.076	0.595 0.124	-0.648 9.876	0.725	0.746 0.276	9.796 9.325	-9.846 5.376	0.426 0.426	0.9(£ 0.47£	9:99.6- 9:52.0	
9.316 0.213	\$.264 \$.243	9.216 9.313	0.166	†.116 0.41?	640,0 644.0	0.53	-0.034 0.553	.6.6.4 6.413	-4.534 9.645	-9. <u>184</u> 9.713	-0.234 0.753	•61.9• 112.0	-6,334 0,842	155.9- 116.9	0,963 -9.434	1.013	
0.250 0.113	0.200 6.165		0.100 0.269		0.255	-9,356 8,418	0.169 -0.169	-0. <u>15</u> 5 8.515	-0. <u>16</u> 1 0.545	-4.250 0.415	833.0 833.0	-9.350 9.718	.0.400 0.762	-0.45 4 0.619	-0.500 0.568	9.915 9.915	
-0.363 -0.631	1		-0.431 -0.513	0.563 0.431	-0.6!? -6.39!	-5, 51 1 -0.331	-6.7 <u>13</u> -0.291	-5.763 -0.23)	-0.813 -0.141	-9.453 -9.131	-0.913 -0.091	÷.252	-1.617 0.019	6.859 -1.853	-1.117 4.119	-1.169 0.169	
0.074		-0.02 0.124	1	0.126 6.234	0.174 0.244	-0.336 -0.334	v*141 -û`5±ê	₽'45. -ù'45€	0.514 -0.374	-0.175 0.594	-#.475 9.644	4.634 4.634	-0.575 0.744	-9,526 9,794	-4.676 8.564	-0.7 <u>24</u> 0. 5 74	
-0.068 (0.010		-7.168	-0.218 0.160	n.269 9.219	-0.319 0.250	-0.369 6.310	v 393 •0.413	-1,155 0.410	-4,519 0,460	-2.548 2.510	414.0- 0.340	• 22 .6• •1 1 .9	9.660 9.660	-8.749 8,718	-0.619 0.740	-9.968 8.816	
0.396 0.167			g 236 2.317	0.367	0.146 0.417	4.691 9.467	0.574 0.517	- CSS 0.56	9.854 9.417	-9.111 4.667	-9.474 9.717	•5.294 • .747	-0.254 0.817	-c.361 9.917	-0.154 0.457	-0.44 0.957	
-0.071	-0.052 10.021	-0.192 0.02	-2.152 0.073	0.262 6.127	-0.252 6.17°	-1.392 6.221	·6.952 9.277	-0,402 0.327	-0.452 0.577	-8.502 0.127	-9.592 0.473	-8.529 8.529	-9.652 9.573	-4.792 9.527	-9.752 6.629	-9.607 9.729	
-0.064	-0.114	-0.154 -0.237	-0.214 -0.167	-0.264 -0.127	-0.314 -0.04?	-0.344 -0.627	0.01	-9.461 -9.461	-0.511 9.113	-4.544 2.163	-9. 61 4 0. 21 3	-0.644 6.243	-9.714 0.713	-0.764 0.363	-7.814 9.413	-0.864 0.463	
0.210		0.110	0.040	R 015	-0.646 0.748	-6. 17 6	-0.146 0.145	-9,195 9,495	\$'ct2 -3'5t3	-0.295 6.595	-0.243 0.445	-9.996 299.0	-0.410 0.745	-0.496 0.795	-0.540 0.645	0.695 -0.595	_
0.142	à.09; 0.01	10.041 20.0	0.113	-0.057 0.163	-0.10 ²	-0.157 0.2 6 3	- <u>0.297</u> 0.313	-0.257 0,363	0.413	-9.35? 0.463	-0.467 0.513	-5.45° 0.563	-0.537 0.613	-0.557 0.563	-0.407 0.713	-4.457 9.763	
-0.324 -0.52	0 -0.37	0 -0.42°	0 -8.470	-0.520 -0.42	-0.570	-0.125 -0.325	-5.475 -6.273	-6.720	-6.276 -0.173	-0.825 -0.127	-9.87 0 -0.073	-6.029 -0.029	-0.970 0.03)	-1. 920 0.671	-1.679 0.121	-1.129 0.175	
0.15 00.00		5 0.08	6 .639 2 0.152	0.20	0.35	9.20	0.35	-0.215 0.402	-6.265 C.452	-0.315 0.502	-0.345 0.552	-0.115 0.663	-0.455 0.652	0.703	-0.545 0.75	0.402	
0.37	1 2.27 9 4.05	1 0.22	1 0.171	4.12	0.07	(H	-6.25	-a.071 ^.40	A,125	-0.179 6.500	•2.229 0.559	-0.779 6.44	0.45	4.315 4.26	-0.42 6.75	0.602	
0.17 0.08	4 9.12 9 0.17	4 6.47 9 0.19	1 (2) 2 2.23	0.25	-0.97 7.33	6 · 5.12 7.12	0.42°	-7.±39 6.49	e 57	-0.32 0.58	0.63	-9.421 0.451	0.72	0.524	9.57	-0.425 7 0.969	
-0.23 -0.33	1 -0.28 1 -3.29	4 -0,33 1 -0,23	1 -0.351	-0 43 -0 13	1 -0.69	1 -0.53 1 -0.63	(0.64		0.16	0.21	-4. 63	-A.69.	0.35	0.41	10.1-1 10.1-1 10.1-1	
1	•		•			-	•				-	•					

FIG. 416).



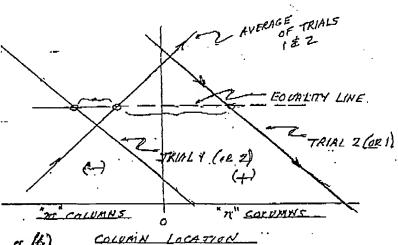


FIG 5 SCANNING "SENSE" REQUIRE MENTS

			•							i				١,			ı	٠.
	I dat	_			== 1	•		T			alues	Ţ	AVSS SO		1	i	- }	}
Ħ	ir IA -	.9 v -	.25 v !	.2 v	.7\$ v -	,7 v .	45 V	, <u>,</u> ,	.55 .	, v -					5 y2	1 v 	5 v 1	
505 \$13	0.041	2.431	2.381	2.221 6.772	2.081 0.829	2.231 n.572	2 <u>,181</u> 2.922	2.111	1.022	1.672			1.881 1 1.222 1					472
A45 214		1.916		1.915		1.716	1,466 0,314	0.364 0.364										.864
A45 234	ō.040	1 .960 0 . 2 20	1.910		1.910 0.370	• • • • •	1.710	1.660			1.510 1 0.670 1		1.410 I 0.770 0					.140 -020
Avg 234	0.022	1.078			1.728 0.251		1.629 0.251	1.578 0.401	1.525	1.478								.078 .901
Avq Aks	-0.002	7.193 0.508	7.240 0.538	3.290	2.240	2.190	2.140 0,938	2.070	2.040 0.938	0.999				.790 1 1.155 <u>1</u>				.590
Avg 258	-9.032	2.125 0.493	2.275		2.175	2.125	2.078	1	1.975 0.843	1.725 0.993	1.875 0.943				1.143		.575 . 1 .213 1	.524 1.293
Avg 258	-0.169	1.712		1.512	1.562	1.512	.0.003 .1.463		1 .	1,312		1.212		1.112 0.243		.012 0		9.912 0.543
Avg 27A	0.120	2.149	4	2.013		1	1.971		1	1.749	1.577 0.918	1,649 6.958	1.599 1.019		1.(9) 1.119			1.349
Aug 280	1	2.007		7 1 .90		1	1,75		1.657	1.607 0.785	1.557 0.825	1.507 0.885	1.457 0.935		1.357 1.035		1.257 1.135	1.207 1.195
Avg 29C	1	2,471		1 2.37		1	1				2.021	1.971	1.921	1.871		1.771 1.212		1.671
A77 30B	1	2.07	3 2.02	2 I.97	1			· ·		1	1	1.573	1.523 0.054	1.473 0.904		1.373	,	1.273
Avg	+	2.01	1 1.99	1 1.71	1 1.25	· 1						1.511 0.537			1.341 0.687	1.311 0.737	1.261 0.787	1.211
Avg	-	2.28	5 2.2	15 2.18 20 9.57	5 2.13					1			1.725	1.685 1.070			1.535 1.720	1.485
AY:	-	2.21	E 2.1	18 2.11 88 0.41		8 2.01 9 0.53			1	1.819				1.619	1.568 0.998	1.518 1.038	1,468	1.418
£v:	3	1.79	5 1.7		55 1.60	١٠٠٠ ١٠٠٠ - ١٠٠٠		1.			1			1.155	0.395	1,055		0.955 0.545
Av 35						10 2.06 27 0.57	0 2.0	10 1.96 27 0.6	1.91 17 0.72	0 1.86	0 1.810 7 0.82	1.75	0 1.710 7 0.927	1.660	1.02/	1.560	1.510	1.460
- hu	2	2.3	95 2.3	 46 2_2 26 4.4	25 2.2	46 2.19	4 2.1	46 2.0	2.01	6 1.93	14 0.93	. 1.87	e la cac	10 196	1.634	11.696	1.134	7 1
	· q	~ 7.2	19 2.	177 2.1 517 0.5	49 2.0	1				13 V.84	1.79 3 0.91		3 1.011		1.113		1.213	1.449
	<u> </u>	1.6	111 1.	791 1.1 004 0	741 1.9 144 0.1	91 1.4 94 0.2	41 1.	5?1 1.5 204 A.3	11 1.4	91 1.4 94 0.4	11 1.33	1 1.34	(1 1,291 (4 0,59)	1.25	1.191	0.744	0.794	0.811

FIBB(a)

FIG 7 TOPOLOGICAL CHANGE SENSOR (IN EQUALBRUIN)

<u>_ FIGURE 8 TABLE OF INITIAL CONDITIONS & INSTURCTIONS</u>

Initial Conditions - (Iteration Zero)

USE FIGURE 7 AS A TYPOLOGICAL NUMBER ARRAY, WHICH HAS BEEN PLACED IN FOLILIBRIUM BY THE COLUMNS SHIFTING FUNCTIONING OF THE DEVIATIONS SHOWN BELOW (SO AS TO MAKE IT A "CHANGE SENSOR").

MATRIX ALIGNMENT CONDITIONS

DEVIATION # 2

DEVIATION TAI

DEVIATION TAI

AVERAGE OF TRIALS | \$ 2 (T)

. NOTE THAT: AVERAGE I = I signal + I average noise

ROW OF MINIMUM ABSOLUTE DEVIATION: I signal = I noise closet to Av noise

AMOUNT OF DEVIATION = | IA | of the + polarity

OF EQUIVALENT COLUMN SHIFT = LIA La COLUMN SPACING

To start the iterative process note the entry of the signal-plus-noise in the zero column as the starting reference.

Obtain a numerical match of the entry value in the particular column in the second row which matches that in the O column. The column match will occur in either the right or left section.

NOTE: ENTRIES ARE ENTERED IN THE "AVERAGE ROW" COLUMN IN A SEQUENCE OPPOSITE THAT OF THE OTHER ROW

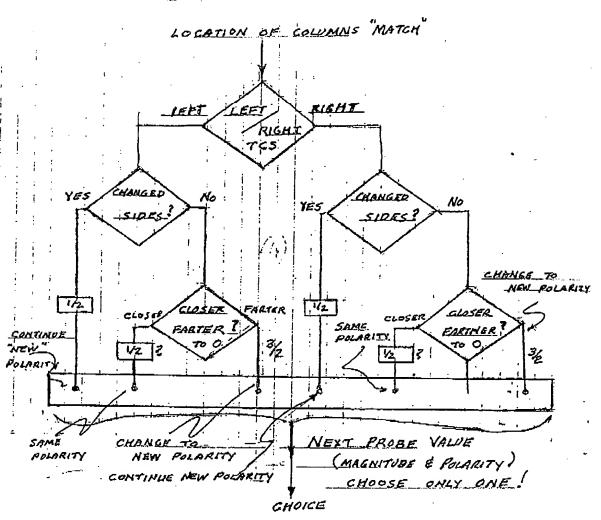


FIG 9 SELECTION LOGIC FOR NEXT STERAMIVE PROBE

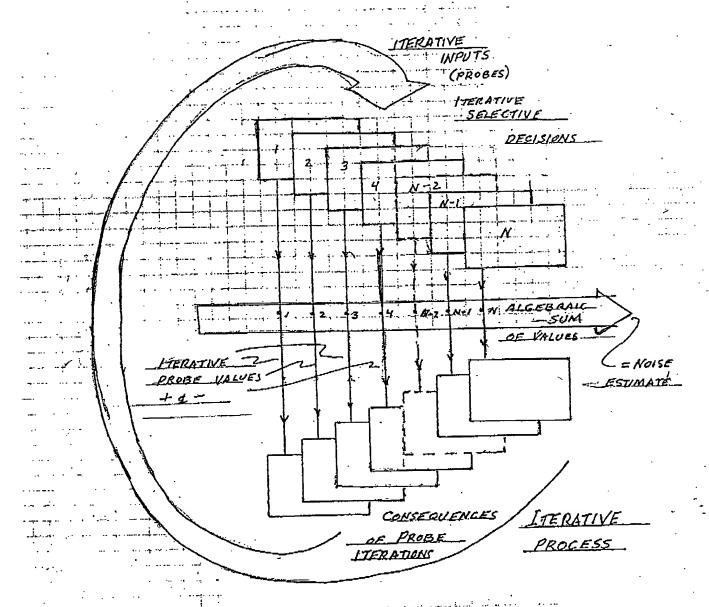
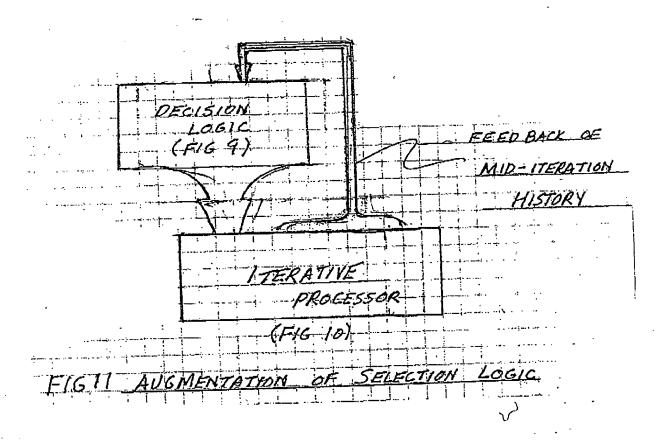


FIG 10 STERATIVE PROCESS



		4				• ·				
		COLUMN I d		•				HOTZE FYFf	Ratio :	
	oriv		how H	الالعدم وجير	ge vereze		V-) ಕಳ್ಳಾ 4-ಕನ್ನಡ	AVO	Lasi	
Group Group	avs Võite	1	£	À	4				• • • • • • •	
@Logh					-4.05=1	6.00+1	-2.1.25	-0.0252	5.1	
205 1	0.1481		.).1314		-0.000	0.0533	-0.5601	v.v2+=	4 - 2	·
205 Zr	0.542E		V		-0-1245	-0.0=25		-9.0511	20.0	
205 \$ 206 £ 206 \$	0.6213	0.5002	G. 2502	-0.0506	6.0.42	0.0117	•	-U_V1YE	12.5	
206 2	-0.2506	-0.0508		-4.1142	0.0166	-0.0517		-0_0Z\$\$	14.7	
20¢ `₹	0.1813	-0.8145	0.1558 -0.uee5	E33		-0.0040		0.02f¥ 0.0013	224.5	•
200 37	-0.4060		Ç.2200	-0.0a00	0.0950	0.0===	0.2900	-0.0213	2.0	
207 1	-8.2693	-0.4300 0.126a	-0.1232	Ú.l≥eů	G'OGIR	-0.050	0,Ω≤†a -0.7300	0.071é	11.2	
207 3 207 3	-Q.0591	0.7704	¢.≦404	0.2704	₽.1054	0.1027	0.357/	0.0306	10.0	
	0.601E	-0.1:55	0.1245	-0.1255	-0. 00 05	0.0c20	0.=052	0.0160	50.5	•
208	-0,3269	-0.4528	-v.202é	0.0472	-0.0/18	-0.0153		-0.0071	72.4	
208 \$ 208 \$7	-0.5692 0.5162	-0.3509	-0.1009	6.1471	6.0241	ბაზა. ڼ− მაიტ_ელ	0.5200	-0.0128	26.1	
	-0.3325	-0.2313	0.0105	-0.2915	-0.1ceb	-0.0589	-0.51-0	-0.0277	20.⇒	
209 4	4.7863	0.6280	6.3766	C. LELL	0.0636	-0.0121	0.3396	0.0152	16.4	
209. E	-0, ±146	-0.1992	0.0504	-0.1556	-0.074= -0.1182	-0.0557	4.4109	-6.0244	¿?.o	
210	-0.4353	-0.2432	0.0000	-6.2452	0.0082	-0.054-	0.0636	-0.0230	4.=	
210 €		0.1=34	-).ilco	0.1532	~ē.0+63	-0.0304	-0,2-52	-0.6724	46.7	
210 8 211 211 212 213 213 213 214 4 2	0.2597	0.0257	- <u>0.43</u> 42	-v.3≥.r 0.3≥.r	0E01.0	Ç,0405	0.25=9	2.0074	2ė.}	
211	-0.2477	-0.UXEU	باخيني. ي	-6.21:2	-C. vodo,	-0,0263	6.2327	0.004	76.4	
211 27	-0.≥ 277	-6.21.52	0.2544	Q.2742	-0,0200	0.62-1	-0.e/e/	0.00ಳಿಕ್ಟ್	820./	
311 3	0.0775	Q.5340	0.≟140	-6,23-3	-0.1673	-ė . v444	-y.1±êû	-0.0136	8.4	
212 7	6.1145	-v.2=id	0.013/ ≤\\\0.03	-0.2477	-0.1247	v.Obiż	-1.5716	-0.0429	40·7 10·4	
212 🕊	6.5209	0.2503		<u>0,2154</u>	4.0509	⊕.ĕ2€•	-6.5474	-0.60.7	143.2	
212 \$	0.2595	0.2124	19£0,0-	0.2231	1160-0	Q,ü2-15	.0.418}	0.0054	_'e.+	•
213	0.4217	0.2524	-0.02/	9. L700	0.0/36	0.0114	0.5132	-0.0177	42.0	
213 🗿	-0.5357	-0.3012	-0.0248	0.2422	0.1002	O. Carr	6008.0	0.00=5	24.5	
213	-0.2945		-0.2525	-0.0027	0.1221	6.02*4	0.7267	46\$0.0 -0.0171	49.2	
214 7	-0.6963		0.4216	0.2016	g.u%ė£	0.0141	-0.785e	2.4043	.6./	
214 4	0.7664		-0.0219	6.2481	0.1931	U. UAUE	-0_S51a	6.0145	42, i	
214	0.3609		-0.1420	0.1630	-0.0130	0.0455	غقله.ن ?16.5	-0.0231	27.8	
215	-0.5990		-ē.3¢6?	-6.T7e2	6.0061	-Ü, Ç544		·· 9.0146	15.8	
215 6 215 6 215 6 216 6 216 6	-0.6415 -0.2020		0.2334	-0- <u>0</u> 14=	0_1084	0.0459		0.0305	7.5	
215 7	0.2267		0.2491	-0.0007	0.1241	0.061 <u>6</u> -0.0732		-0-0474	14.8	Lange
21- 4	-0.755		-0.510/	-0.2607	-0.195? 0.0256	-0.03e#		-0.0057	al. ¥	
: 576 g	7 -0.351		0.150a	-v.0574	2450.0	-0-0343		-0.0031	103.9	
217	0.316		0.1532	-0.0563	-0.0024	6.0567		- 0.031≥	12.3	
217	0,284	6 0.3126	0.0426	-0.1674 -0.2483	-0,1233	-2.0602		-0.0254	. 11.8	
£17 g	8. 0.349	2 0.Z\$17	p.0017	0.0254		-6.6371	-0.2253	-0.0057	37.2	
218	6.516	4 0.0254	-0,2246	- 40			0.6373	-0.0061	106.0 12.1	
218	0.2849 0.349 0.2143 0.251 -0.619 -0.185 -0.185 -0.222 -0.089		-0.3498			-Q.Q52		-0.0267		
519	0.251		-0.1145			G_G\$1		0.D200		
. 219	Z -0.619									
219	-0.185								_	
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120	7 -0.22	•			, ~©.04≟:					
220	7 -0.272 2 -0.083				1 5.004:					
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221	3 -0.35			. G.1024	. a.944	-0.02	,	•	Æ	. •
35T	3 .4.2-	-u					/			
										
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121 (2		Ava	. 1	ż	2	4	5	برباهط	évá	Last	
			4225-								
205	1	0.4440	0.3970	6.1470	-0.1030		-0.0405	-0.4532	-0.0092	48.1	
205	2	6.7438	0.00%	-0.2125	0.0017	-0.1173	-0.0548	-0.2143	-0.0235	8.2	
203	3	0.2307	0.0107	-0.2148	0.0303		-0.0316	-0.2313	-0.0005	272.9	
206	1	0.6667	0:5643	0.3149	0.0649	-0.0607	0.0024	-0.6955	-0.0289	23.1	
504	2	-0.0959	0.1153	+0.134	0.1152	-0.0097	0.0528	0.1174	0.0215	ત.⊊	
2 0€	3	0.0218	-0.2543	-0.0065	0.2435	0.1185	0.0560	0.0030	9,0248	0.3	
207	1	0.7412	0.7194	0.4694	0.2194	0-0344	0.0314	-0.7406	0.0004	1151.1	
20.7	2	-0.2973	-0.2522	-0.0022	0.2478	0.1228	0.0603	0.3263	6.0590	10.Z	
20.	2	0.2631	-0.0517	0.1983	-0.0517	0.0733	0.0108	-0.4034	-0.0205	18.7	
203	1	0.2199	0.1728	-0.0772	0.1F28	0.04,78	-0.0147	-0.2033	0.0166	13.3	
508	2	0.4198		0.1466	-ÿ.103-i	0.0216	-0.0409	-0.4295	-0.0097	43.4	ĺ
208	3	-0.1523	-0.0900	0.1600	-0.0900	0.0350	-0.0275	0.1561	0.0038	40.1	
203	1	-0.3083	-0.2465	-0.0185	0.2315	0.1042	0.0440	0.3161	0.0127	23.8	
577.9	2	-0.0803	0.0528	-0.1972	0.9528	-0.0722	-0.0097	0.1024	0-0216	3.7	
203	3	-0.0148	0.1185	-ŭ.1115	0.138\$	0.0135	-0.0430	-0.0029	-0.0177	0.8	
210	1	0.250.	0.1=07	-0.0693	0.1407	0.0357	-0.0268	-0.2462	0.0044	56.8	
510	2	0.2447	0.2049	-U.Odist	0.2049	0.0799	0.9174	-0.2544	-0.0139	1.7.5	
210	3	0.09=1	-0.0/+1	9.1735	-0.0741	0.0489	-0.0134	-0.0784	0.0177	5.∢	
211	1	v.2259	G.2232	-0.0228	4.2232	9.9982	0.035/ :		0.0044	53.5	
211	2	0.4845	0.2534	\$.003 4	-0. 44±+	-0.1514	-0.0591	-0.5143	-0.0278	17.5	
211	3	-0.7412	-0.7015		-0.2039	-0.0729	-0.0164	6.7560	0.0146	50.1	
212	1	0,5285	0.3926	0.1426	-0.1074	0.0176	-0.0447	<u>-0.5421</u>	-0.0136	38.≥	
212	2	0.1817	0.0830	ーひ、エッノジ	0.0830	-0.0420	0.0205	-0.1925	-0.010/	16.9	
212	3	-0.0208	€.1426	-0.1066	0.1420	0.0170	-0.0455	0.0046	-0.0142	1.5	
213	1	-0.2570	-0.1452	0.0848	+0.1+52	-0.0402	0.0223	0.2480	-0.0090	28.7	
213	2.	-0.0064	0.0210	-0.2190	0.0310	-0.0940	-0.0315	0.0062	-0,0003	24.3	
213	3	-0.50%	-0.2200	-0.07v0	0.1666	0.05\$0	-2.0075	0.5333	0.0237	21.5	
+ 214	1	-0.0346	0.1703	-0.0797	0.1703	0.0453	-0.0172	0.0247	0.0141	1.3	
ຶ21∢	2	-0.1599	-0.0415	0.1506	-0.0913	0.0326	-0.028.	0.1420	0.0025	62.8	
214	3	0.1716	-0.0191	0.200±	-0.0494	0.0754	0.0131	-0.1398	-0_0161	4.7	
215	1.	-0-3403	-0.0213	0.2287	-0.0213	0.1037	6.0412	0.3502	9.0097	54.3	÷
215	2	-0.1557	-0.0242	0.225F	-0.0243	0.1007	0.0352	0.1627	0.0069	22.4	3
51.2	3	-0.5743	-0.2037	-0.055/	0.1553	0.0713	8300.0	G.5718	-0.0225	24.S	j
21€	1	0.1584	0.0252	-0.2218	0.0262	-0.0948	-0.0343	-0.1614	-0.0030	52.0	÷
215	2	6.3981	0.3794	0.1774	-6.1206	0.0044	-0.0581	-0.4250	-0.0268	14.8	•
216	3	0.1159	-0.0841	0.1459	-0.084I	0.0409	-0.0216	-0.1063	0.0097	12.0	
<u> </u>	1	D.4497	0.2477	-0.0003	0.24%	0.1247	0.0522	-0.4158	9.0309	14.5	
217	2	0.5273	0.216?	-0.0331	0.3164	6.0976	0.0294	-0.5292	-0.0019	279.7	
21.7	3	0.1066	-0. 0 700	0.1600	-0.0700	0.0550	-0.0075	-0.0829	0.0238	4.≤	
218	1	-0.4485	-0.2623	-0.0322	0.2178	0.0928	£0£0.Q	0.4475	-0.0010	453.7	
3T8	2	6850.0	-0.1447	0.1053	-0.144.	-C-0197	0.0428	-0.0867	0.0115	8.5	
572	3	0.0171	-0.1190		· -0`17ê0	0.0060	-0.05=5	-0.0423	-0.0252	0.7	
513	1	0.0508	-9.1111	0.1383	-0.1111	6.0133	-0.0486	-0.0681	-0.0173	2.9	
57.6	Z	0.2668	0,0458	-C.1642	0.0668	-0.0582	0.0043	-0.2923	-0.0270	ā- è	
219	3	-0.2/Fz	-0.1691	6.0503	-0.1891	-0.0441	-0.0014	8308.0	0.0296	9.4	
220	1	0.6507	0.6075	0.3533	0.1035	-0.0155	0.0470	-0-4343	0.0158	41.2	
220	5:		0.361/	0.111		-0.0133	0.0493	-0.6157	0.0179	35.4	
250	3	-0.1340.		-0.0/52	0.1748	0.0178	-0.0iz.	0.15.5	0.0185	7.2	•
557	1	-G-3147	-0.1141	4-1257	-3.1141	ត់ ហេតុមក	-0.0515		~0.0204	15.d	
221		-0.0350	0.1447	-0.1083	0_1447	0.6177	-0.0428	0.0235	-0.0115	3.0	
527	3	0.10:5	~G. 1347	4,144	-0.1367	· 0 . 0 ± 1.7	0.05w;	-0,0534	0-014+	٤.٤	
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